

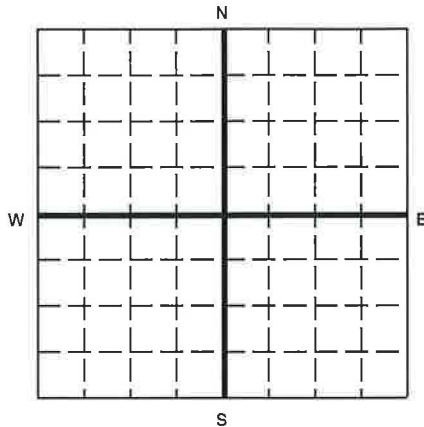

 United States Environmental Protection Agency
 Washington, DC 20460

ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

Name and Address of Existing Permittee

 EXCO Resources (PA), LLC
 260 Executive Drive, Cranberry Township, PA 16066

Name and Address of Surface Owner

 Locate Well and Outline Unit on
 Section Plat - 640 Acres


State

Pennsylvania

County

Clearfield

Permit Number

PAS2D205BCLE

Surface Location Description

☐ 1/4 of ☐ 1/4 of ☐ 1/4 of ☐ 1/4 of Section ☐ Township ☐ Range ☐

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

Location ☐ ft. from (N/S) ☐ Line of quarter sectionand ☐ ft. from (E/W) ☐ Line of quarter section.

WELL ACTIVITY

- ☒ Brine Disposal
☐ Enhanced Recovery
☐ Hydrocarbon Storage

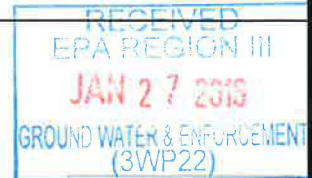
TYPE OF PERMIT

- ☒ Individual
☐ Area

Number of Wells:

Lease Name Irvin A

Well Number 19 (SWD Facility)



INJECTION PRESSURE

TOTAL VOLUME INJECTED

TUBING -- CASING ANNULUS PRESSURE
(OPTIONAL MONITORING)

MONTH	YEAR	AVERAGE PSIG	MAXIMUM PSIG	BBL	MCF	MINIMUM PSIG	MAXIMUM PSIG
January-2015		2880	3120	14,661	N/A	0	240
February-2015		2860	3040	11,939	N/A	0	280
March-2015		2890	3140	13,766	N/A	0	360
April-2015		2915	3150	14,438	N/A	0	740
May-2015		2950	3150	15,263	N/A	0	1000
June-2015		2925	3150	15,647	N/A	0	480
July-2015		2900	3140	14,232	N/A	0	680
August-2015		2920	3150	14,144	N/A	0	560
September-2015		2930	3140	10,486	N/A	0	880
October-2015		2925	3150	13,311	N/A	0	840
November-2015		2910	3050	10,922	N/A	0	420
December-2015		2915	3050	11,492	N/A	0	150

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Ron Jenkins, Environmental Specialist III

Signature

Date Signed

1/18/16

Max Inj. Pressure 3,240

Total bbls = 160,301

 Compliance Review
 Completed 4/27/16
 entered into WMS
 PWW

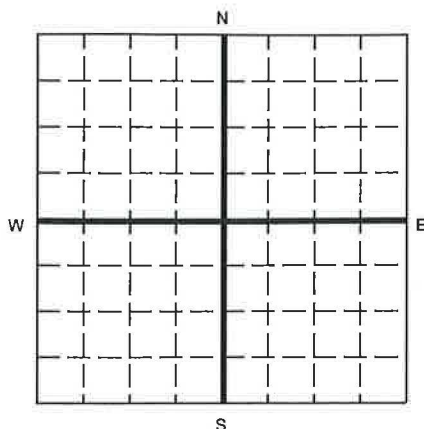

 United States Environmental Protection Agency
 Washington, DC 20460

ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

Name and Address of Existing Permittee

 EXCO Resources (PA), LLC
 260 Executive Drive, Cranberry Township, PA 16066

Name and Address of Surface Owner

 Locate Well and Outline Unit on
 Section Plat - 640 Acres


State

Pennsylvania

County

Clearfield

Permit Number

PAS2D205BCLE

Surface Location Description

☐ 1/4 of ☐ 1/4 of ☐ 1/4 of ☐ 1/4 of Section ☐ Township ☐ Range ☐

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

Location ☐ ft. from (N/S) ☐ Line of quarter sectionand ☐ ft. from (E/W) ☐ Line of quarter section.

WELL ACTIVITY

- ☒ Brine Disposal
☐ Enhanced Recovery
☐ Hydrocarbon Storage

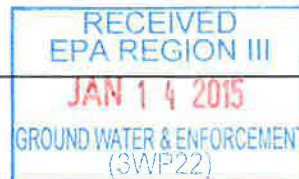
TYPE OF PERMIT

- ☒ Individual
☐ Area

Number of Wells

Lease Name Irvin A

Well Number 19 (SWD Facility)



INJECTION PRESSURE

TOTAL VOLUME INJECTED

TUBING -- CASING ANNULUS PRESSURE
(OPTIONAL MONITORING)

MONTH	YEAR	AVERAGE PSIG	MAXIMUM PSIG	BBL	MCF	MINIMUM PSIG	MAXIMUM PSIG
January-2014		2820	3200	15,919	N/A	160	1540
February-2014		2860	3200	13,627	N/A	240	1600
March-2014		2910	3195	13,033	N/A	0	1720
April-2014		2880	3050	13,260	N/A	0	380
May-2014		2900	3045	14,435	N/A	0	480
June-2014		2875	3040	12,379	N/A	0	440
July-2014		2910	3050	13,822	N/A	0	320
August-2014		2890	3080	12,855	N/A	0	360
September-2014		2920	3120	13,259	N/A	0	360
October-2014		2930	3140	14,714	N/A	0	320
November-2014		2925	3135	13,790	N/A	0	380
December-2014		2920	3130	16,101	N/A	0	400

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Shawn Meenihan, Sr. Water and Air Quality Specialist

Signature

Date Signed

01/09/15

Max. pressure =

 Total bbls =
 167,194

RECEIVED
EPA REGION III

FEB 06 2014

OMB No. 2040-0042 Approval Expires 4/30/07



GROUND WATER & ENFORCEMENT
(3WP22)

United States Environmental Protection Agency
Washington, DC 20460

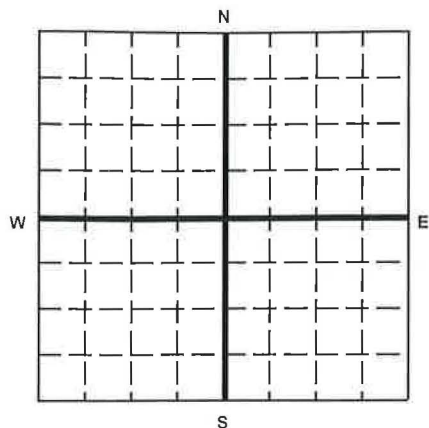
ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

Name and Address of Existing Permittee

EXCO Resources (PA), LLC
260 Executive Drive, Cranberry Township, PA 16066

Name and Address of Surface Owner

Locate Well and Outline Unit on
Section Plat - 640 Acres



State

Pennsylvania

County

Clearfield

Permit Number

PAS2D205BCLE

Surface Location Description

1/4 of 1/4 of 1/4 of 1/4 of Section Township Range

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

Location ft. from (N/S) Line of quarter section
and ft. from (E/W) Line of quarter section.

WELL ACTIVITY

- ☒ Brine Disposal
☐ Enhanced Recovery
☐ Hydrocarbon Storage

TYPE OF PERMIT

- ☒ Individual
☐ Area

Number of Wells

Lease Name Irvin A

Well Number 19 (SWD Facility)

INJECTION PRESSURE

TOTAL VOLUME INJECTED

TUBING -- CASING ANNULUS PRESSURE
(OPTIONAL MONITORING)

MONTH	YEAR	AVERAGE PSIG	MAXIMUM PSIG	BBL	MCF	MINIMUM PSIG	MAXIMUM PSIG
January-2013		3000	3220	12,208.9	N/A	0	640
February-2013		2960	3220	13,361.7	N/A	0	880
March-2013		2975	3230	11,585.5	N/A	0	940
April-2013		3100	3235	12,715.5	N/A	0	860
May-2013		3050	3235	12,017.4	N/A	0	900
June-2013		3085	3230	14,688.0	N/A	0	1100
July-2013		3075	3230	13,450.0	N/A	0	1240
August-2013		3115	3230	17,497.3	N/A	0	1280
September-2013		3090	3200	14,838.0	N/A	400	1280
October-2013		3105	3230	16,938.0	N/A	240	1320
November-2013		3110	3220	14,706.0	N/A	160	1360
December-2013		3095	3200	14,346.0	NA	120	1480

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Shawn Meenihan, Sr. Water and Air Quality Specialist

Signature

Date Signed

01/03/14

Max Injection Pressure = 3240

Total bbls = 168,352

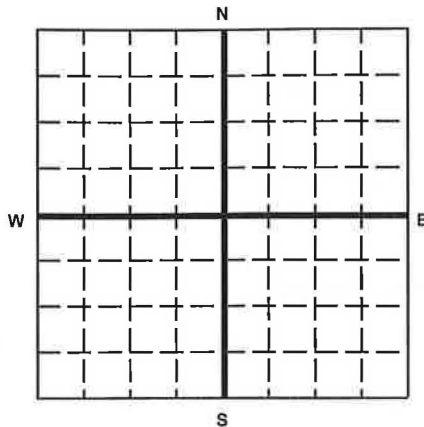

 United States Environmental Protection Agency
 Washington, DC 20460

ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

Name and Address of Existing Permittee

 EXCO Resources (PA), LLC
 3000 Ericsson Drive, Suite 200, Warrendale, PA 15086

Name and Address of Surface Owner

 Locate Well and Outline Unit on
 Section Plat - 640 Acres


State

Pennsylvania

County

Clearfield

Permit Number

PAS2D205BCLE

Surface Location Description

☐ 1/4 of ☐ 1/4 of ☐ 1/4 of ☐ 1/4 of Section ☐ Township ☐ Range ☐

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

 Location ☐ ft. frm (N/S) ☐ Line of quarter section

 and ☐ ft. from (E/W) ☐ Line of quarter section.

WELL ACTIVITY

- ☒ Brine Disposal
☐ Enhanced Recovery
☐ Hydrocarbon Storage

TYPE OF PERMIT

- ☒ Individual
☐ Area

Number of Wells Lease Name Well Number

19 (SWD Facility)

INJECTION PRESSURE

TOTAL VOLUME INJECTED

TUBING -- CASING ANNULUS PRESSURE
(OPTIONAL MONITORING)

MONTH	YEAR	AVERAGE PSIG	MAXIMUM PSIG	BBL	MCF	MINIMUM PSIG	MAXIMUM PSIG
January-2012		1550	1550	0	N/A	0	1550
February-2012		1510	1510	0	N/A	0	1510
March-2012		0	0	0	N/A	0	0
April-2012		1100	1100	0	N/A	0	1100
May-2012		1240	1240	0	N/A	0	1240
June-2012		2800	3120	2,557.2	N/A	0	600
July-2012		2915	3230	13,653.2	N/A	0	160
August-2012		2930	3225	13,050.1	N/A	0	400
September-2012		2940	3210	12,341.8	N/A	0	280
October-2012		2920	3200	15038	N/A	0	560
November-2012		2900	3210	13035	N/A	0	520
December-2012		2820	3205	10824.3	N/A	0	760

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Shawn Meenihan, Sr. Water and Air Quality Specialist

Signature

Date Signed

P-MAX = 3240

80,499.6 BBL. injected



United States Environmental Protection Agency
Washington, DC 20460

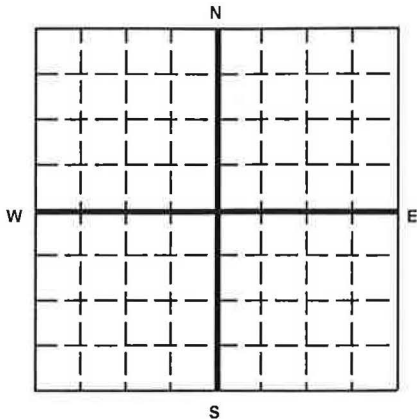
ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

Name and Address of Existing Permittee

EXCO Resources (PA), LLC
3000 Ericsson Drive, Suite 200, Warrendale, PA 15086

Name and Address of Surface Owner

Locate Well and Outline Unit on
Section Plat - 640 Acres



State

Pennsylvania

County

Clearfield

Permit Number

PAS2D205BCLE

Surface Location Description

1/4 of 1/4 of 1/4 of 1/4 of Section Township Range

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

Location ft. frm (N/S) Line of quarter section

and ft. from (E/W) Line of quarter section.

WELL ACTIVITY

☒ Brine Disposal

☐ Enhanced Recovery

☐ Hydrocarbon Storage

TYPE OF PERMIT

☒ Individual

☐ Area

Number of Wells

Lease Name Irvin A

Well Number 19 (SWD Facility)

INJECTION PRESSURE

TOTAL VOLUME INJECTED

TUBING -- CASING ANNULUS PRESSURE
(OPTIONAL MONITORING)

MONTH	YEAR	AVERAGE PSIG	MAXIMUM PSIG	BBL	MCF	MINIMUM PSIG	MAXIMUM PSIG
January-2011		2840	3080	12,776.2	N/A	0	2080
February-2011		2800	3160	10,950.9	N/A	0	2280
March-2011		3040	3200	13,637.0	N/A	0	2080
April-2011		2960	3200	6389.7	N/A	0	2780
May-2011		3000	3240	10067.1	N/A	0	3000
June-2011		3000	3160	21012.6	N/A	0	2920
July-2011		2920	3040	18061.3	N/A	0	2520
August-2011		2800	2800	1382.5	N/A	0	2800
September-2011		1850	1850	0	N/A	0	1850
October-2011		1655	1655	0	N/A	0	1655
November-2011		1655	1655	0	N/A	0	1655
December-2011		1880	1880	0	N/A	0	1880

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Shawn Meenihan, Regulatory Analyst

Signature

Date Signed

01/06/12

P-MAX = 3240

94, 277.3 BBL. inj.



United States Environmental Protection Agency
Washington, DC 20460

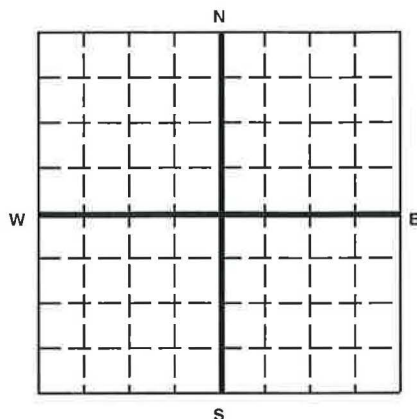
ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

Name and Address of Existing Permittee

EXCO Resources (PA), LLC
3000 Ericsson Drive, Suite 200, Warrendale, PA 15086

Name and Address of Surface Owner

Locate Well and Outline Unit on
Section Plat - 640 Acres



State

Pennsylvania

County

Clearfield

Permit Number

PAS2D205BCLE

Surface Location Description

☐ 1/4 of ☐ 1/4 of ☐ 1/4 of ☐ 1/4 of Section ☐ Township ☐ Range ☐

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

Location ☐ ft. from (N/S) ☐ Line of quarter section

and ☐ ft. from (E/W) ☐ Line of quarter section.

WELL ACTIVITY

TYPE OF PERMIT

☒ Brine Disposal

☒ Individual

☐ Enhanced Recovery

☐ Area

☐ Hydrocarbon Storage

Number of Wells ☐

Lease Name Irvin A

Well Number 19 (SWD Facility)

INJECTION PRESSURE

TOTAL VOLUME INJECTED

TUBING -- CASING ANNULUS PRESSURE
(OPTIONAL MONITORING)

MONTH	YEAR	AVERAGE PSIG	MAXIMUM PSIG	BBL	MCF	MINIMUM PSIG	MAXIMUM PSIG
January-2010		3050	3180	13306.2	N/A	0	240
February-2010		3060	3195	10865.8	N/A	0	230
March-2010		3190	3250	14189.0	N/A	0	170
April-2010		3110	3250	14065	N/A	0	280
May-2010		3150	3250	13282.9	N/A	0	240
June-2010		2930	3240	5100.3	N/A	0	1160
July-2010		3020	3190	11352	N/A	0	2060
August-2010		2900	3210	8846.7	N/A	0	2000
September-2010		2140	2240	0	N/A	0	1900
October-2010		2000	3100	6671.4	N/A	0	1860
November-2010		1840	2840	1495.5	N/A	0	1900
December-2010		2680	3100	14609.8	N/A	0	2040

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Shawn Meenihan, Regulatory Analyst

Signature

Date Signed

1/13/11

P-MAX = 3240

113,784.6 BBL.
injected